

The group G is isomorphic to the group labelled by [78, 1] in the Small Groups library.

Ordinary character table of $G \cong \text{C13} : \text{C6}$:

	$1a$	$13a$	$13b$	$6a$	$3a$	$2a$	$3b$	$6b$
χ_1	1	1	1	1	1	1	1	1
χ_2	1	1	1	$-E(3)^2$	$E(3)$	-1	$E(3)^2$	$-E(3)$
χ_3	1	1	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$
χ_4	1	1	1	-1	1	-1	1	-1
χ_5	1	1	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$
χ_6	1	1	1	$-E(3)$	$E(3)^2$	-1	$E(3)$	$-E(3)^2$
χ_7	6	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^{10} + E(13)^{12}$	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^{11}$	0	0	0	0	0
χ_8	6	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^{11}$	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^{10} + E(13)^{12}$	0	0	0	0	0

Trivial source character table of $G \cong \text{C13} : \text{C6}$ at $p = 2$:

Normalisers N_i	N_1					N_2		
p -subgroups of G up to conjugacy in G	P_1					P_2		
Representatives $n_j \in N_i$	$1a$	$3b$	$13a$	$3a$	$13b$	$1a$	$3a$	$3b$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	2	2	2	2	2	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	2	$2 * E(3)^2$	2	$2 * E(3)$	2	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	2	$2 * E(3)$	2	$2 * E(3)^2$	2	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8$	6	0	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^{10} + E(13)^{12}$	0	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^{11}$	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8$	6	0	$E(13)^2 + E(13)^5 + E(13)^6 + E(13)^7 + E(13)^8 + E(13)^{11}$	0	$E(13) + E(13)^3 + E(13)^4 + E(13)^9 + E(13)^{10} + E(13)^{12}$	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	1	$E(3)^2$	1	$E(3)$	1	1	$E(3)^2$	$E(3)$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	1	$E(3)$	1	$E(3)^2$	1	1	$E(3)$	$E(3)^2$

$P_1 = \text{Group}([\])$ $\cong 1$

$P_2 = \text{Group}([(1, 2)(3, 5)(4, 72)(6, 69)(7, 10)(8, 76)(9, 66)(11, 74)(12, 63)(13, 78)(14, 71)(15, 60)(16, 77)(17, 68)(18, 57)(19, 75)(20, 65)(21, 54)(22, 73)(23, 62)(24, 51)(25, 70)(26, 59)(27, 48)(28, 67)(29, 56)(30, 45)(31, 64)(32, 53)(33, 42)(34, 61)(35, 50)(36, 39)(37, 58)(38, 47)(40, 55)(41, 44)(43, 52)(46, 49)]) \cong \text{C2}$

$N_1 = \text{Group}([(1, 2)(3, 5)(4, 72)(6, 69)(7, 10)(8, 76)(9, 66)(11, 74)(12, 63)(13, 78)(14, 71)(15, 60)(16, 77)(17, 68)(18, 57)(19, 75)(20, 65)(21, 54)(22, 73)(23, 62)(24, 51)(25, 70)(26, 59)(27, 48)(28, 67)(29, 56)(30, 45)(31, 64)(32, 53)(33, 42)(34, 61)(35, 50)(36, 39)(37, 58)(38, 47)(40, 55)(41, 44)(43, 52)(46, 49), (1, 3, 7)(2, 5, 10)(4, 20, 61)(6, 23, 64)(8, 25, 51)(9, 38, 37)(11, 28, 54)(12, 41, 40)(13, 15, 56)(14, 43, 27)(16, 18, 59)(17, 46, 30)(19, 33, 32)(21, 74, 67)(22, 36, 35)(24, 76, 70)(26, 77, 57)(29, 78, 60)(31, 69, 62)(34, 72, 65)(39, 50, 73)(42, 53, 75)(44, 55, 63)(45, 68, 49)(47, 58, 66)(48, 71, 52), (1, 4, 9, 15, 21, 27, 33, 39, 45, 51, 57, 63, 69)(2, 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72)(3, 8, 14, 20, 26, 32, 38, 44, 50, 56, 62, 68, 74)(5, 11, 17, 23, 29, 35, 41, 47, 53, 59, 65, 71, 76)(7, 13, 19, 25, 31, 37, 43, 49, 55, 61, 67, 73, 77)(10, 16, 22, 28, 34, 40, 46, 52, 58, 64, 70, 75, 78)]) \cong \text{C13} : \text{C6}$

$N_2 = \text{Group}([(1, 2)(3, 5)(4, 72)(6, 69)(7, 10)(8, 76)(9, 66)(11, 74)(12, 63)(13, 78)(14, 71)(15, 60)(16, 77)(17, 68)(18, 57)(19, 75)(20, 65)(21, 54)(22, 73)(23, 62)(24, 51)(25, 70)(26, 59)(27, 48)(28, 67)(29, 56)(30, 45)(31, 64)(32, 53)(33, 42)(34, 61)(35, 50)(36, 39)(37, 58)(38, 47)(40, 55)(41, 44)(43, 52)(46, 49), (1, 3, 7)(2, 5, 10)(4, 20, 61)(6, 23, 64)(8, 25, 51)(9, 38, 37)(11, 28, 54)(12, 41, 40)(13, 15, 56)(14, 43, 27)(16, 18, 59)(17, 46, 30)(19, 33, 32)(21, 74, 67)(22, 36, 35)(24, 76, 70)(26, 77, 57)(29, 78, 60)(31, 69, 62)(34, 72, 65)(39, 50, 73)(42, 53, 75)(44, 55, 63)(45, 68, 49)(47, 58, 66)(48, 71, 52)]) \cong \text{C6}$